CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/W.No.10/GVG/CSR.1/738/CUBE/2014-15 21.02.2015

TEST REPORT ON CONCRETE CUBES

* Client	: **Asst. Executive Engineer,** Vidyaranyapura Sub Division, BBMP, Bangalore.
* Agency	: **Mr. G. Venkatesh Gowda,** No. 53/1, 14th 'A' Cross, 'A' Sector, Yelahanka New Town, Bangalore – 64.
* Name of the work	: Improvements to Roads and Drains at BEL 2nd Block 5th Cross Road Right Side in Ward No.10 (Doddabommasandra), Vidyaranyapura Sub Division, BBMP, Bangalore.
* Reference	: AEE/BBMP/VSD/PR/599/2/2014-15 Dated: 17.01.2015
* Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
* Grade of Concrete	: M_{20}
Compressive Strength as o	: 28^{th} day
Sample Received on	: 21.02.2015

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.01.2015	21.02.2015	8.135	478.3	21.26
2	24.01.2015	21.02.2015	8.263	499.6	22.20
3	24.01.2015	21.02.2015	8.342	518.6	23.05

Note:

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2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.01.2015	21.02.2015	8.199	485.5	21.58
2	24.01.2015	21.02.2015	8.250	505.6	22.47
3	24.01.2015	21.02.2015	8.345	525.6	23.36

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*** Reference** : AEE/BBMP/VSD/PR/599/2/2014-15 Dated: 17.01.2015

*** Sample ID** : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

*** Grade of Concrete** : M_{20}

Compressive Strength as o : 28^{th} day

Sample Received on : 22.02.2015

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.01.2015	22.02.2015	8.159	485.5	21.58
2	25.01.2015	22.02.2015	8.265	505.4	22.46
3	25.01.2015	22.02.2015	8.344	526.3	23.39

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Compressive Strength as o	: 28^{th} day
Sample Received on	: 22.02.2015

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.01.2015	22.02.2015	8.255	482.5	21.44
2	25.01.2015	22.02.2015	8.359	503.5	22.38
3	25.01.2015	22.02.2015	8.428	525.4	23.35

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